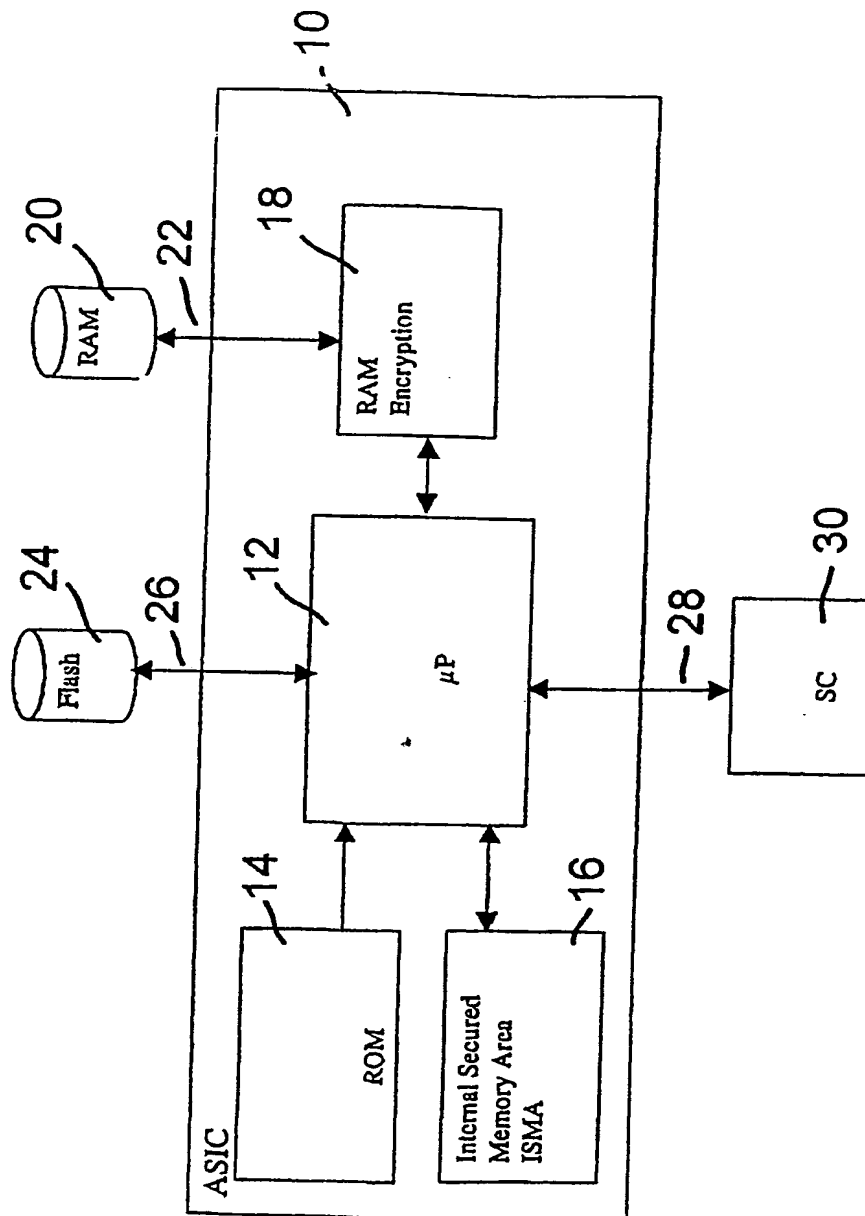
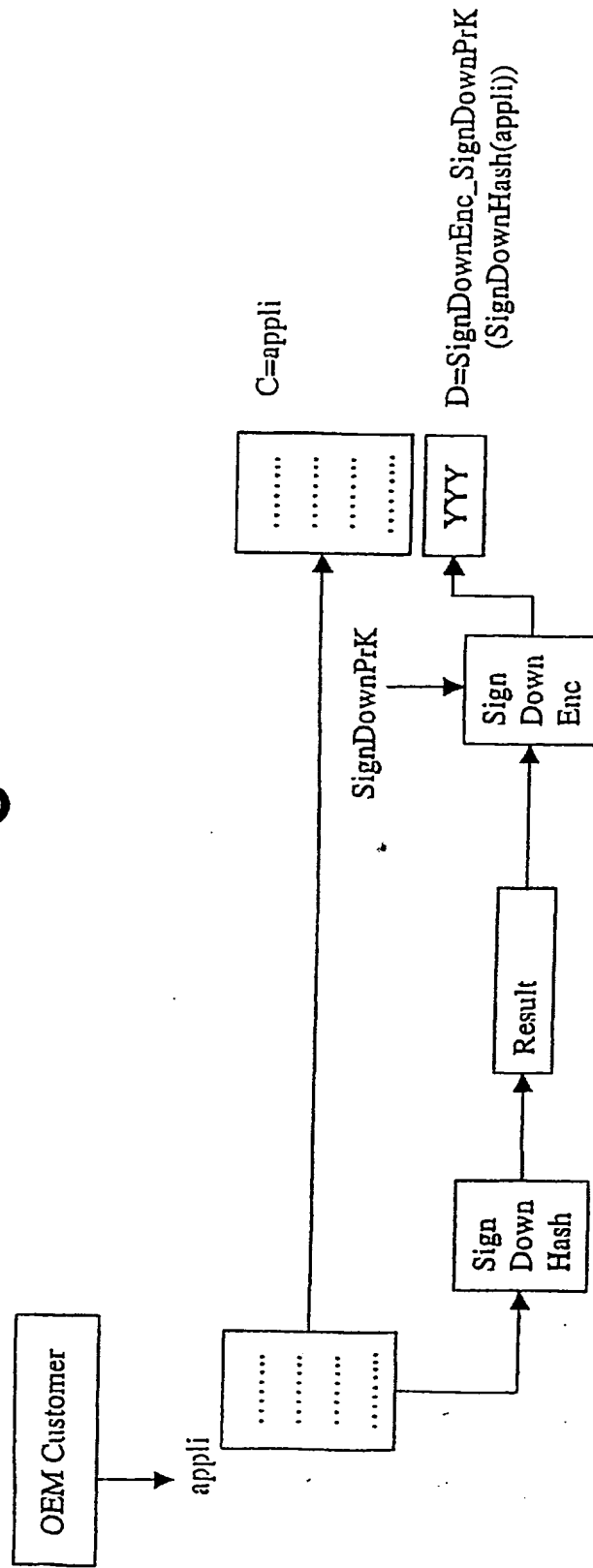


Figure 1



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Figure 2A



[illegible]

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figure 3A

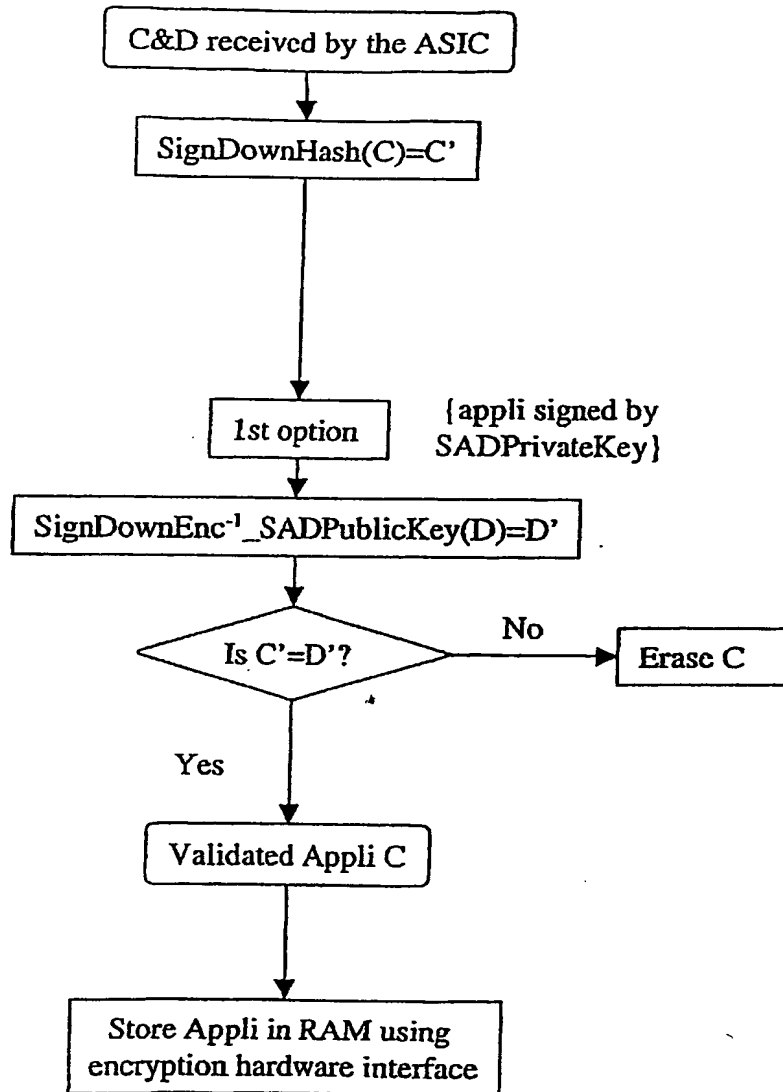
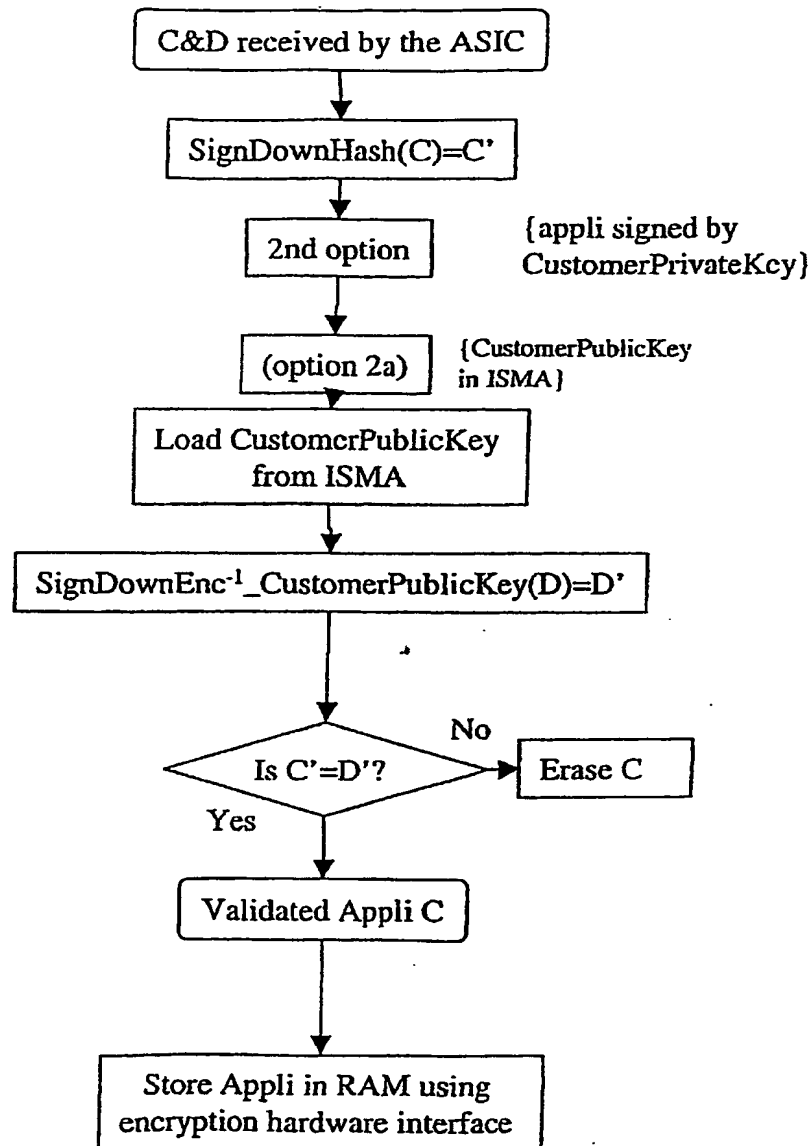
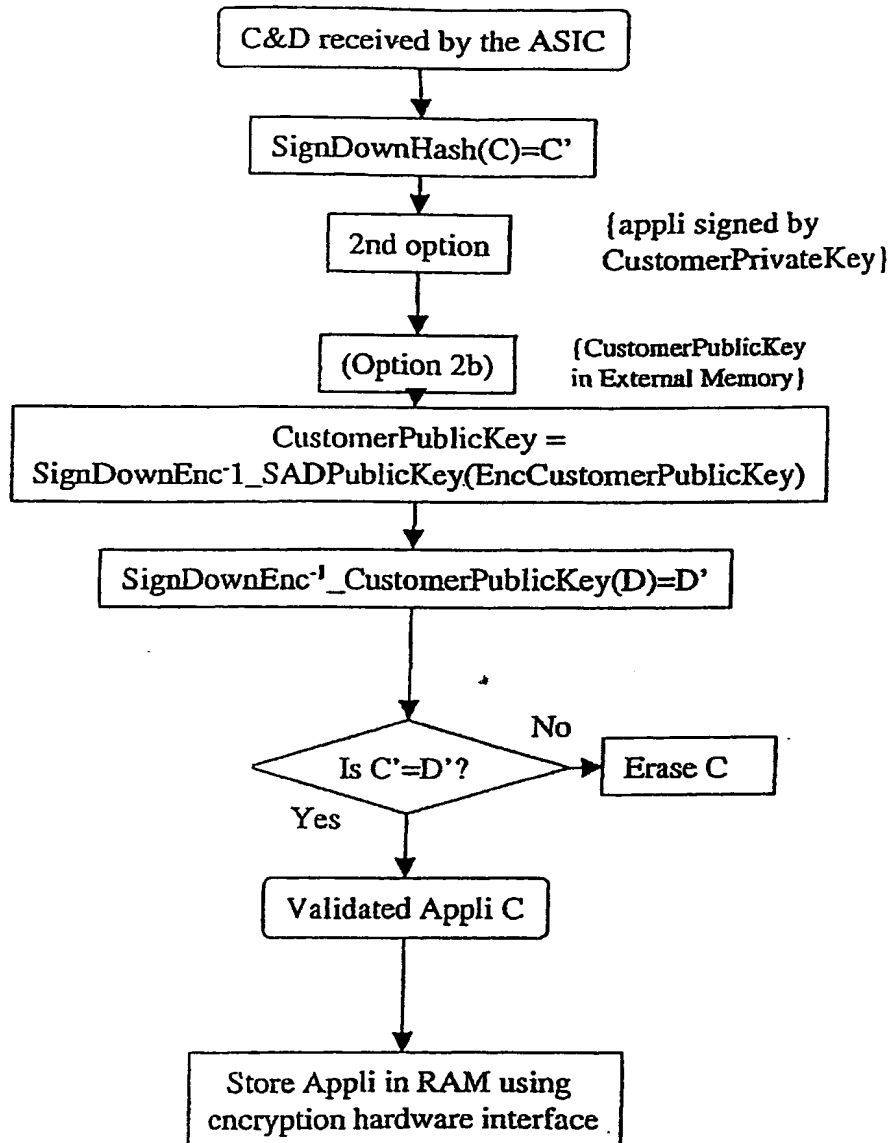


figure 3B



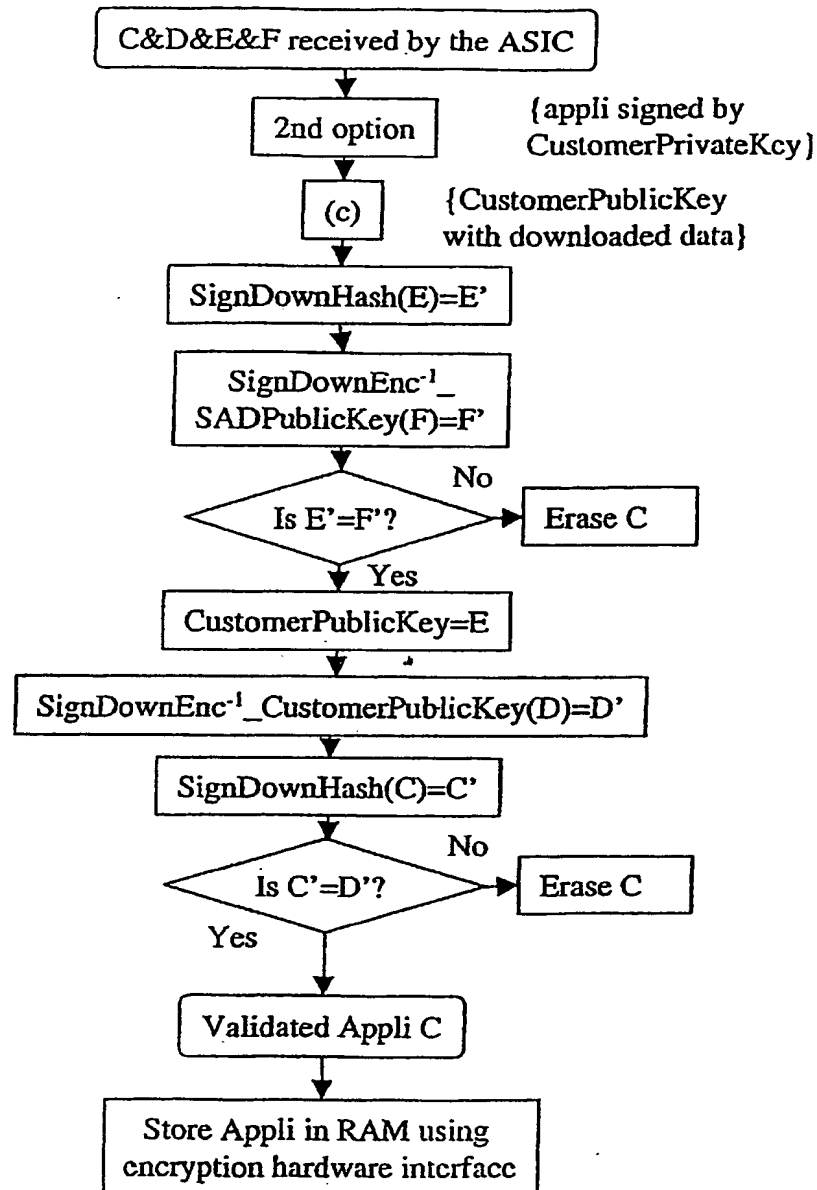
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Figure 3C



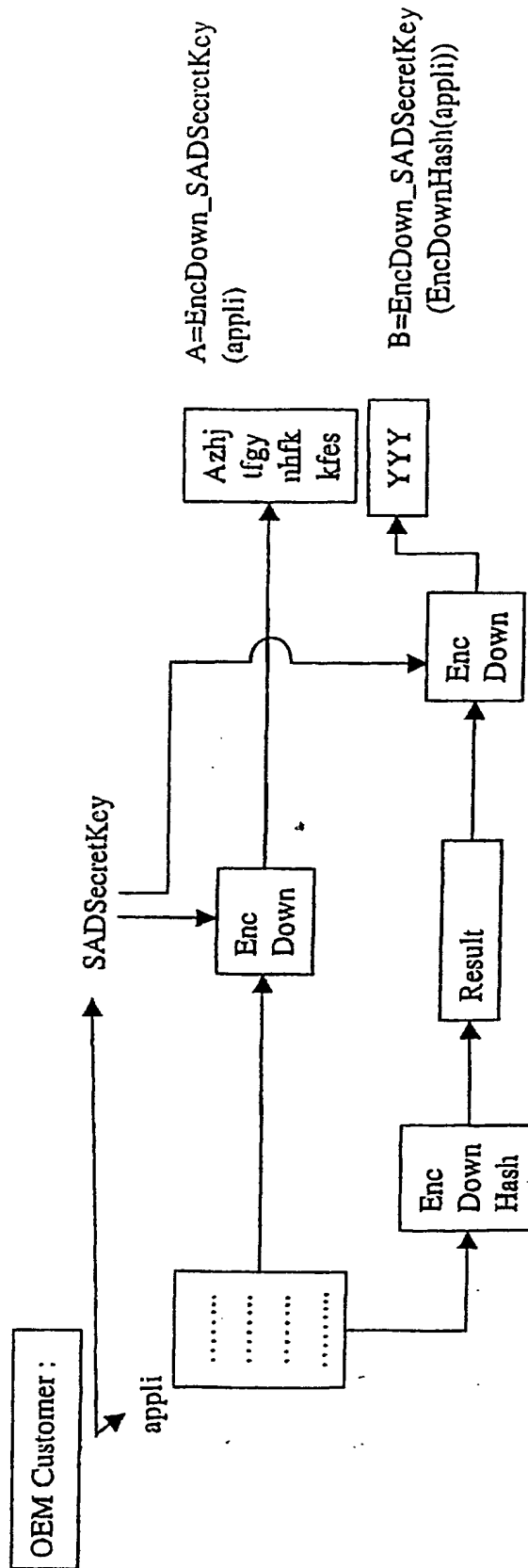
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Figure 3D



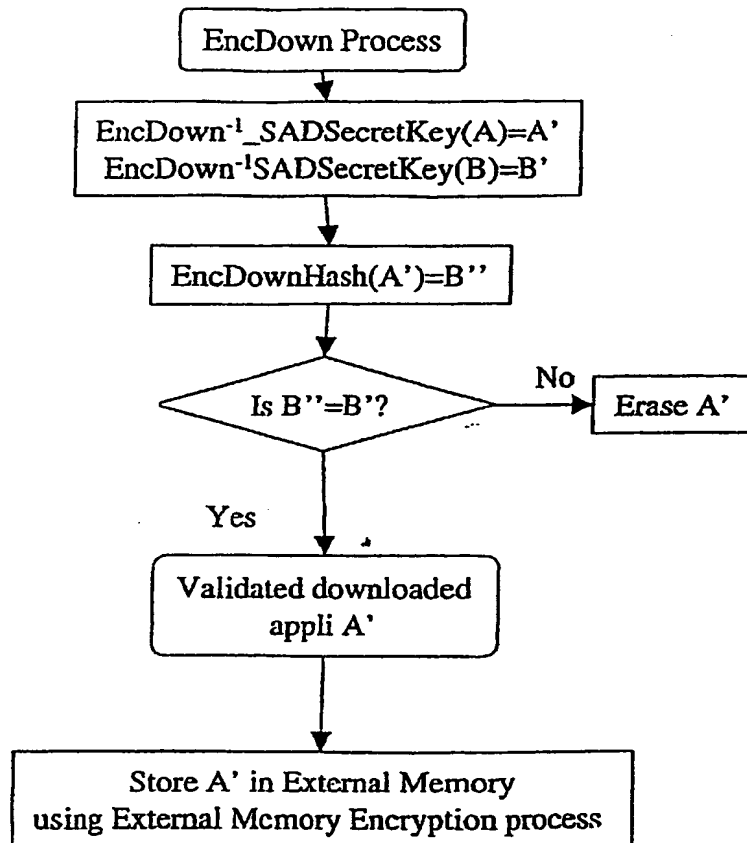
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Figure 4A



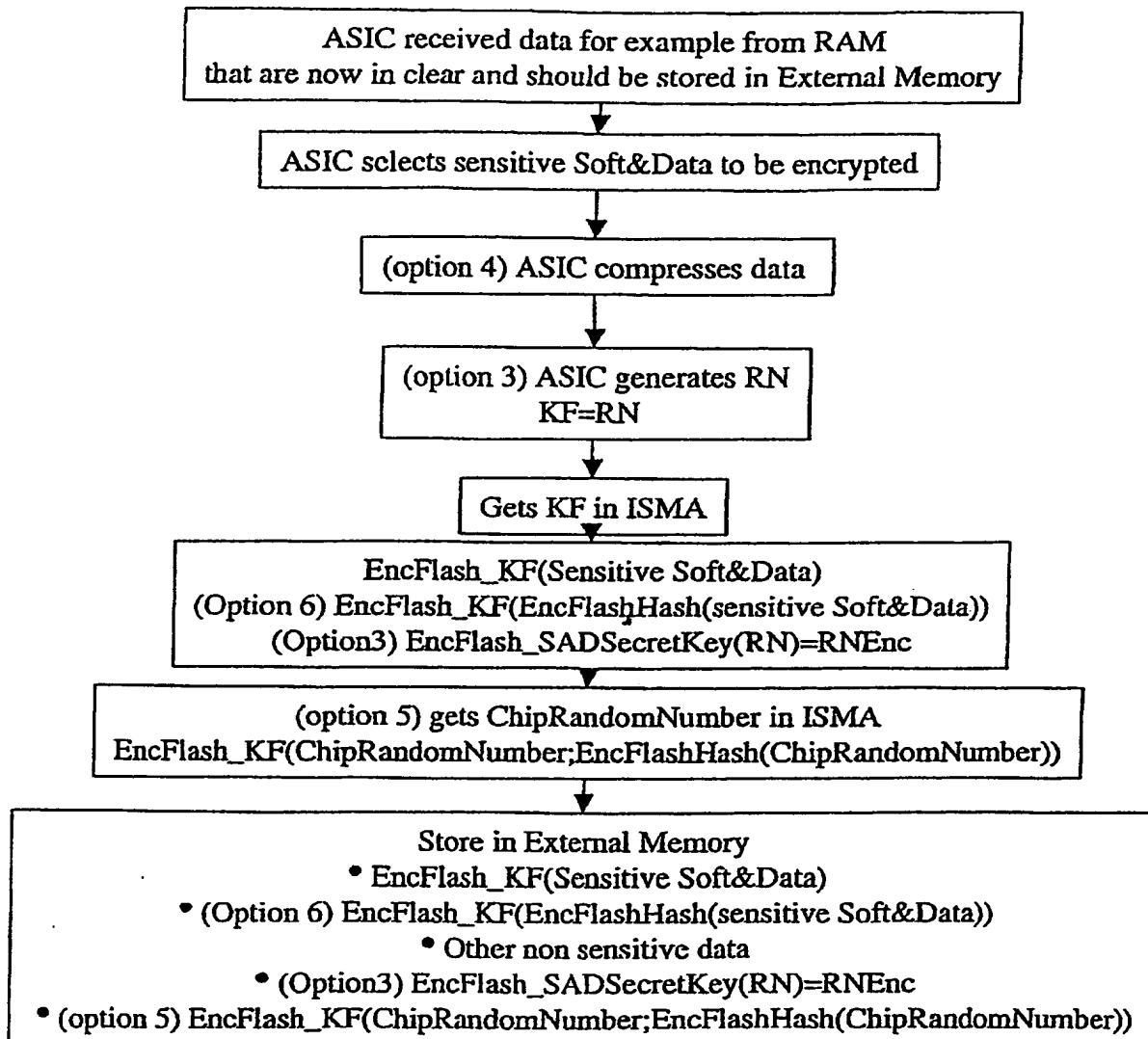
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Figure 4B



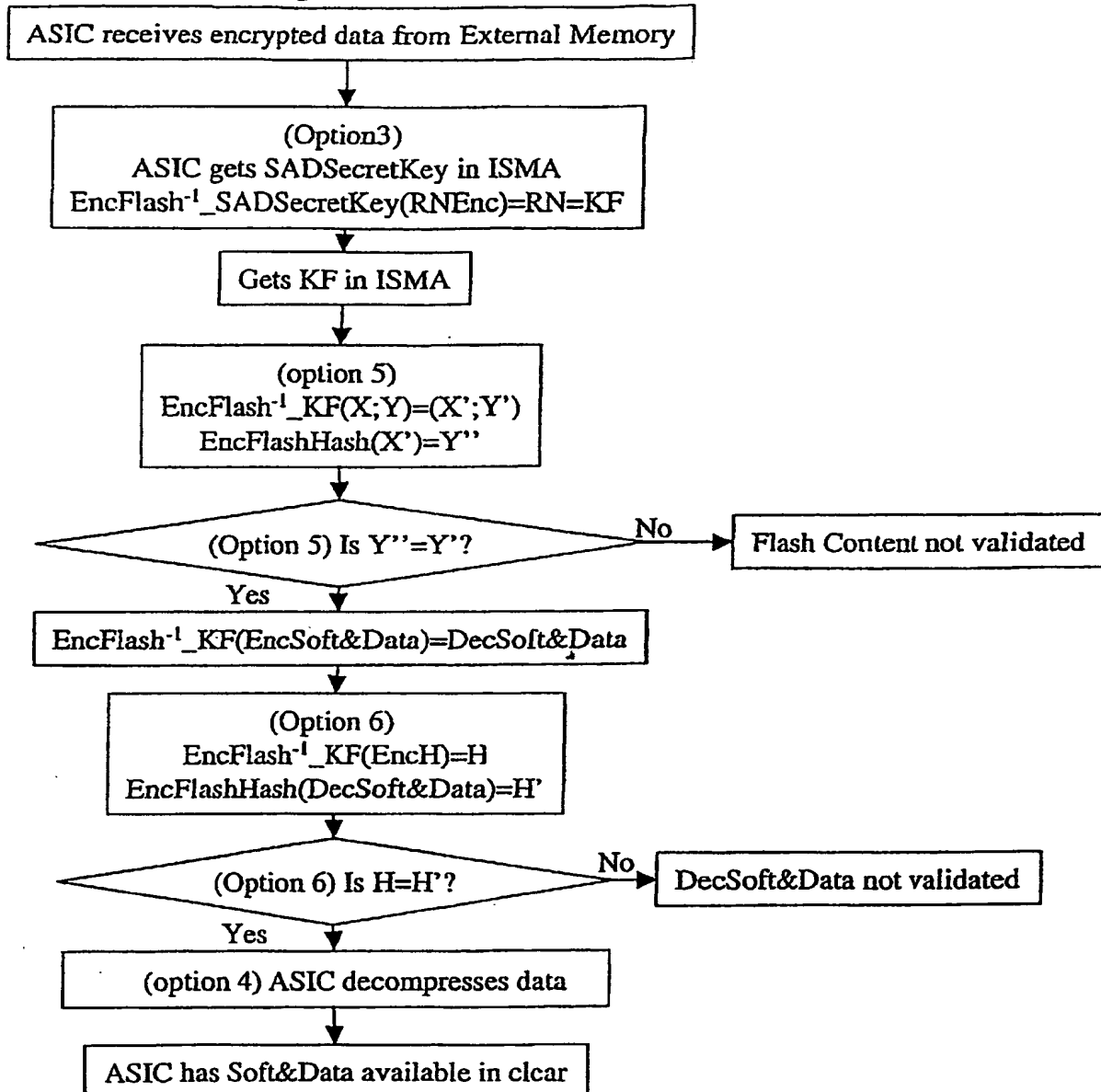
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figure 5A



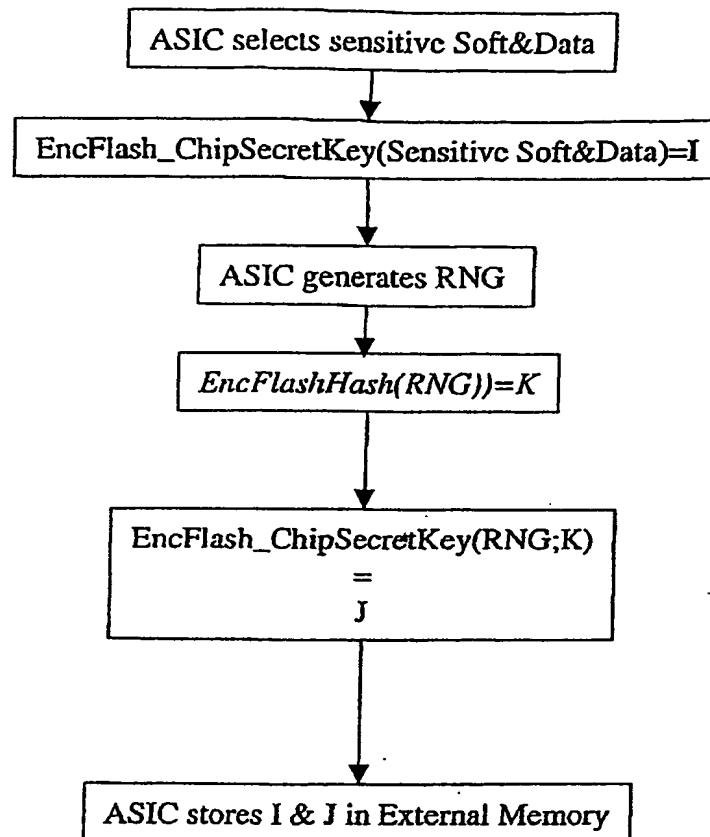
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figure 5B



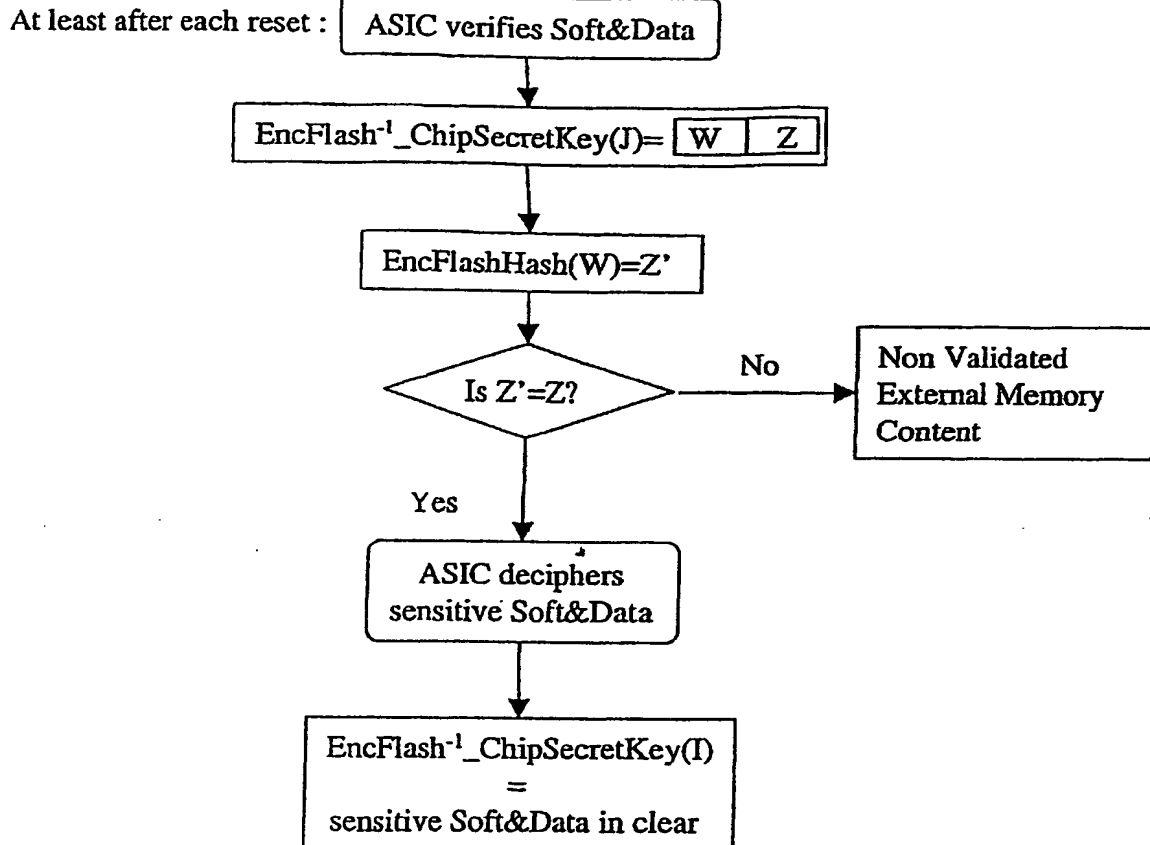
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figure 6



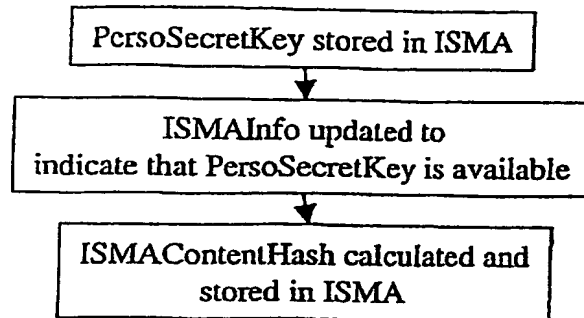
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figure 7



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figure 8



ISMA after First level personalization

ASIC ISMA :

	<i>f PersoSecretKey</i> <i>f ISMAInfo</i> <i>f ISMAContentHash</i>
--	--

figure 9

- SignPersHash is a hash function used to give a 20 Bytes result relevant to PersoAppli integrity
- SignPersEnc is an encryption (signature) algorithm used to encrypt the hash result asymmetrically with ADPrivateKey
- EncPers is an encryption symmetric algorithm used to encrypt the personalization software and eventually its signature

ISMA after Second level personalization

ASIC ISMA :

	<i>f Sensitive data</i> <i>f ISMAInfo</i> <i>f ISMAContentHash</i>
--	--

PersoAppli will store sensitive data corresponding to the different option corresponding to the OEM customer requirements. It could be run directly or stored in the External Memory using EncFlash_PersoSecretKey (means KF = PersoSecretKey).

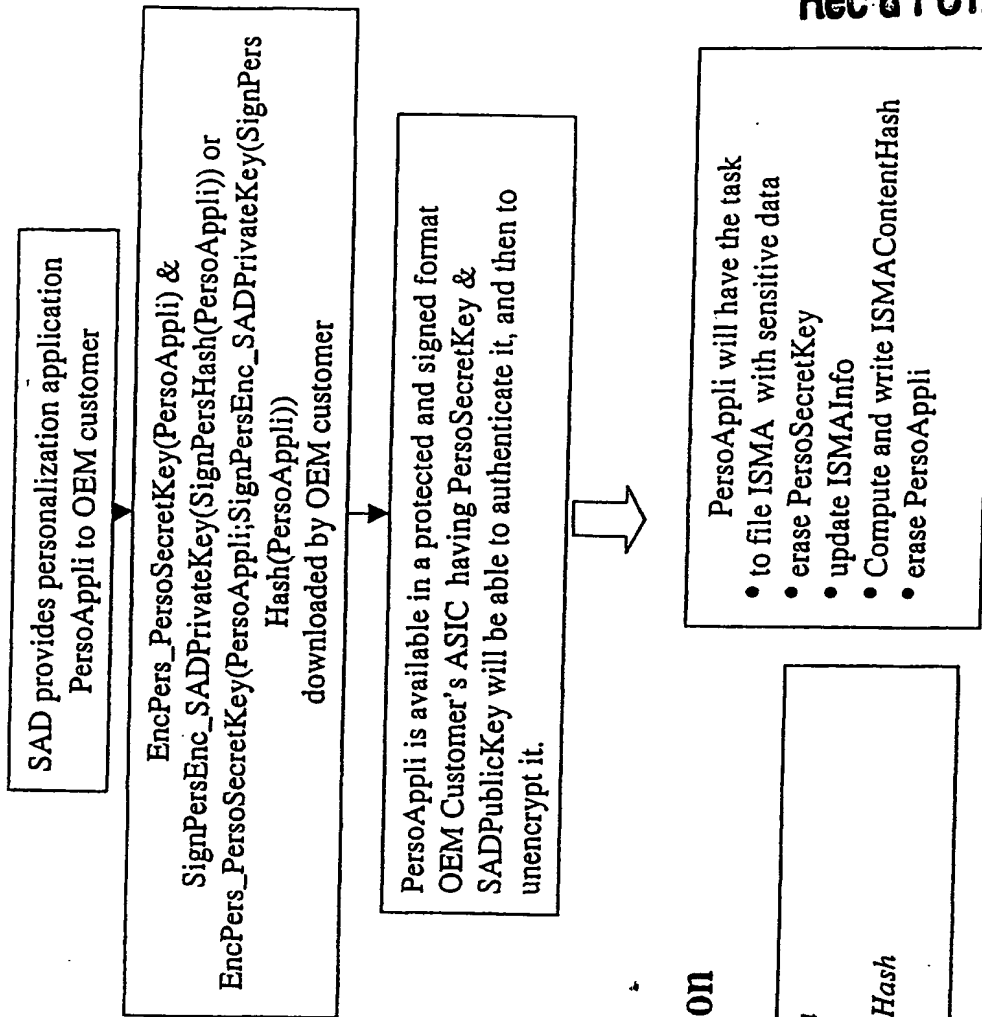


figure 10

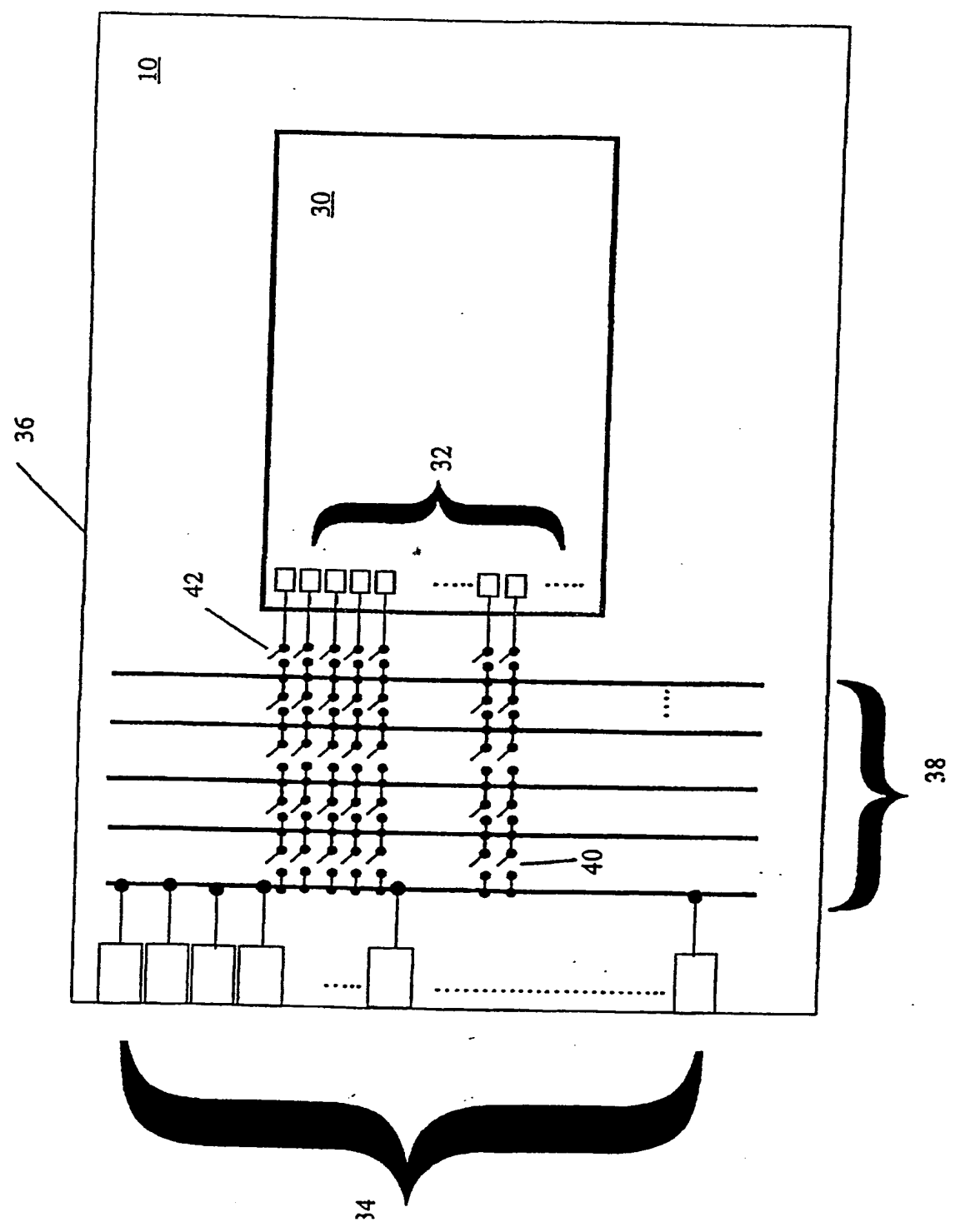
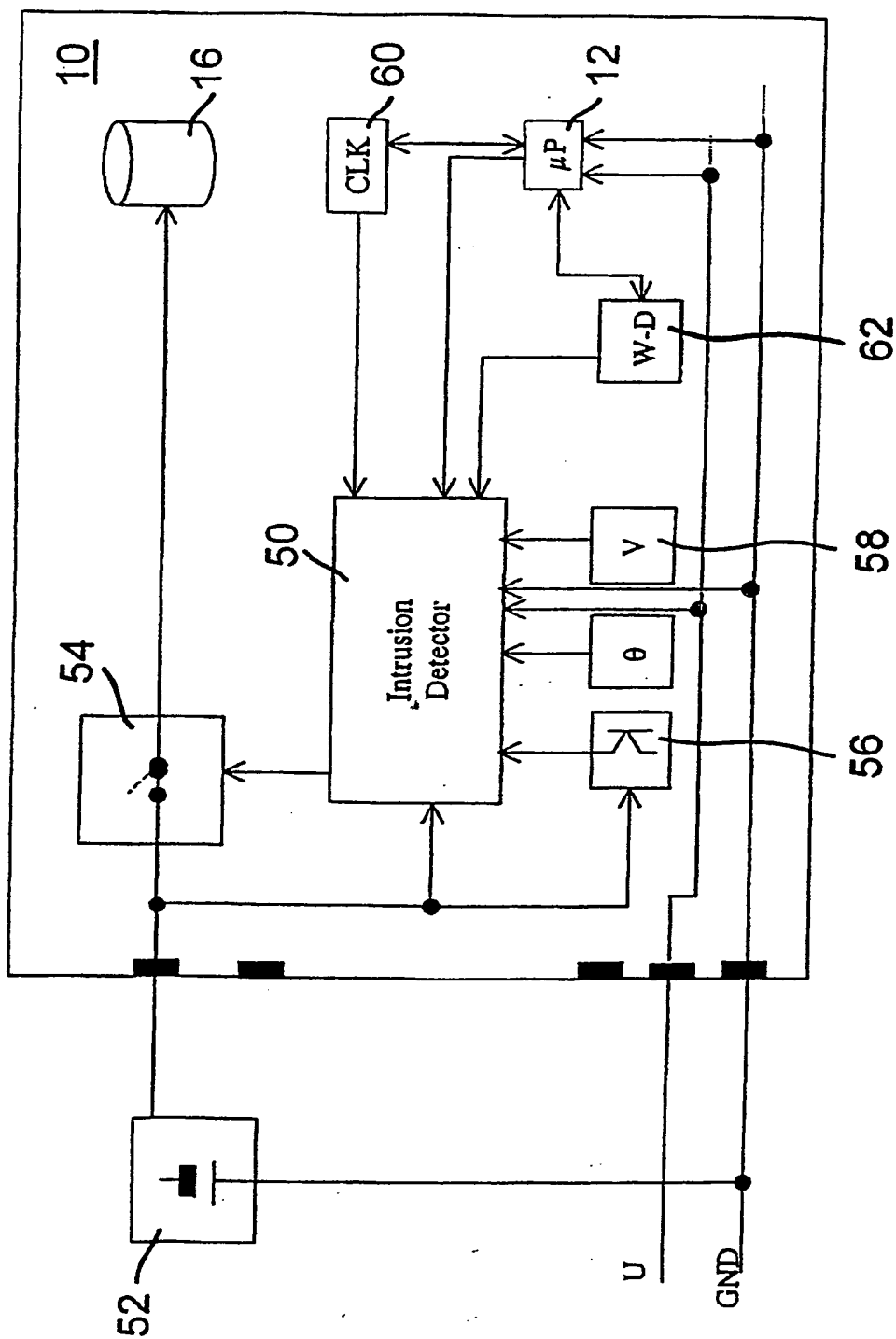


figure 11



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